

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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S-E-C-R-E-T

COUNTRY East Germany

REPORT

SUBJECT Radar OB on the Allstedt, Finow,
Fuerstenwalde, Gross Doelln,
Grossenhain and Zossen/Wuensdorf Areas

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

information on radar order of battle including: (1) New radar installations, (2) Dismantled radar equipment, (3) Types of radar sets, (4) Radar equipment in operation and (5) Locations of radar sites. A sketch of a gun-control-type radar set observed in Zossen/Wuensdorf is also included.

S-E-C-R-E-T

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC									
(Note: Washington distribution indicated by "X"; Field distribution by "#".)																			

48

[REDACTED]
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25X1

EAST GERMANY

25X1

AIR/MILITARY

ALLSTEDT, FINOW, FURSTENWALDE, GROSS DOELIN,
GROSSENHAIN, ZOSSEN WUNSDORF.
Radar Order of Battle
(10th May - 24th May 57).

[REDACTED] 25X1

APPENDICES - Attached as Appendix "A" is a sketch of a Trailer Cabin with WHIFF type radar antenna seen at ZOSSEN-WUNSDORF.

[REDACTED] 25X1

1. A survey of radar and radio sites on the undermentioned airfields shows equipment and personnel state as listed on the dates shown. AA guns and associated personnel and equipment have been shown where they are in close proximity to certain gun control type radars.

2. ALLSTEDT.

On 19th May an unidentified GAGE type of radar was being erected by SAF personnel [REDACTED]

25X1

3. FINOW.

On 10th May there was no radar in site; the TOKEN and all other radar and radio installations having been dismantled and removed during November/December, 1956, when the SAF flying unit moved out. As at 24th May, 1957, the airfield is undergoing extensive reconstruction and there is no necessity for long signals equipment to remain on the airfield.

4. The former TOKEN site [REDACTED] and its adjoining underground bunker, remains derelict and unguarded.

25X1

5. FURSTENWALDE.

On 18th May there was a multiple site comprising two static KNIFERESTS and two associated FISHNET radars [REDACTED]

25X1

6. The site and equipment is manned by SAF personnel.

7. GROSS DOELIN.

On 12th May the following radar equipment was in operation:-

(a) TOKEN

- [REDACTED] 25X1
- (ii) Rate of revolution 9-9½ r.p.m.
 - (iii) This equipment was set up during the autumn of 1956 and has not been removed for any length of time since.
 - (iv) A small party of SAF personnel live in a hutment adjoining the base of the TOKEN mound.

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[REDACTED] 25X1

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- (b) SHOREWALK [redacted] 25X1
- (i) [redacted]
- (ii) Static equipment.
- (iii) No identifiable personnel associated with this equipment.
- (c) KNIFEREST/FISHNET
- (i) [redacted] 25X1
- (ii) Mobile equipment.
- (iii) As at November, 1956, this equipment was manned by SAF personnel.
- (d) FIRECAN/WHIFF
- (i) [redacted] adjoining heavy AA site. 25X1
- (ii) Mobile equipment mounted on a signals vehicle.
- (iii) ORs wearing black and red shoulderboards were in the vicinity. The driver wore plain black shoulderboards without insignia or piping.

8. GROSSENHAIN.

On 15th May the following radar equipment was in operation:-

- (a) TOKEN
- (i) [redacted] 25X1
- (ii) Rate of revolution - $4\frac{1}{2}$ r.p.m. constant.
- (iii) Site and equipment manned by SAF personnel.
- (iv) This equipment has not been removed from its mound at any time during the previous 9-12 months.
- (b) KNIFERESTS AND FISHNETS
- (i) There are three pairs of these equipments [redacted] 25X1
- [redacted]
- (ii) The equipment is static.
- (iii) The sites are manned by SAF personnel.
- (c) FISHNET
- (i) [redacted] 25X1
- (ii) This is a single equipment mounted on the SHQ building.
- (d) WHIFF/FIRECAN
- (i) Location - frequently [redacted] alongside L.A.A. site. 25X1
- (ii) Single signals vehicle, surmounted by one of these equipments.
- (iii) Troops manning this vehicle have worn black and red shoulderboards.
- (e) SMALLCROSS D/F
- (i) [redacted] temporary site, returns to airfield at dusk. 25X1
- (ii) The vehicle is manned by SAF personnel - some have signals insignia.
- (f) VHF DISCONES
- (i) [redacted] 25X1
- (ii) Two signals vehicles [redacted] each fitted with telescopic masts.
- (iii) Both vehicles are always manned by SAF personnel some wearing signals insignia.

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/3.

25X1

25X1

- 3 -

(g) INNER AND OUTER MARKER BEACONS

25X1

- (i) [REDACTED]
- (ii) Permanent radio beacons.
- (iii) Both sites are manned by SAF personnel.

9. ZOSSEN-WUNSDORF.

The following radar, A.A. and other equipment were in operation near the Headquarters site on the dates stated:-

- (a) Gun Control type RADAR (see Appendix "A") - 22nd May and 24th May
(11.00 - 1600).

25X1

- (i) [REDACTED]
- (ii) Comprising mobile trailer cabin surmounted by radar dish as shown in sketch.
- (iii) At the same location were five 85 mm. AA guns (Model 39) and seven lorries. The guns were at readiness with gun barrels elevated. Gun crews were in their shelters.
- (iv) The shelter comprised a barrack hut about 25 m. in length with built on covered shelters for about 15 lorries. Electric light and telephone leads are built in. There is one telephone lead in the direction of MELLEENSEE and one in the direction of WUNSDORF.

- (b) On the same dates as at (a) above an unidentified object was seen.

25X1

- (i) [REDACTED]
- (ii) It was guarded by a sentry.
- (iii) Rubber tyre tracks led up to the object.

- (c) Gun Control type Radar (see Appendix "A") - 22nd May at 1400 hours.

25X1

- (i) [REDACTED]
- (ii) Comprising mobile trailer cabin as shown in sketch.
- (iii) The radar antenna was turning clockwise.
- (iv) Rate of revolution - 11 revolutions in 20 seconds.
- (v) On the trailer there were two officers and a soldier and inside it were 2 men.
- (vi) At the same location there were five 85 mm. AA guns (Model 39). Gun detachments consisted of 5 men. Gun laying exercises were in progress.
- (vii) There was a shelter, a barrack about 25 m. in length with electric light and telephone leads built in.

- (d) Gun Control type Radar (see Appendix "A") - 24th May from 1000 to 1200 hours:-

25X1

- (i) [REDACTED]
- (ii) Comprising mobile trailer cabin as shown in sketch.
- (iii) The antenna was rotating.
- (iv) Rate of revolution - 12 revolutions in 20 seconds.
- (v) On the highest point adjoining this position there is a single store dwelling house, about 30 metres by 8 metres, occupied by Soviet personnel.

- (e) Gun Control type Radar (see Appendix "A") - 24th May at approximately 1400 hours:-

25X1

- (i) [REDACTED]
- (ii) Comprising mobile trailer cabin as shown in sketch.
- (iii) The antenna was rotating.
- (iv) Rate of revolution (fluctuating) - 11-13½ revolutions in 20 seconds
- (v) At the same location there was an AA battle headquarters with six 100 mm. guns in fire positions. The troops wore black shoulderboards with crossed barrels.

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25X1

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- 4 -

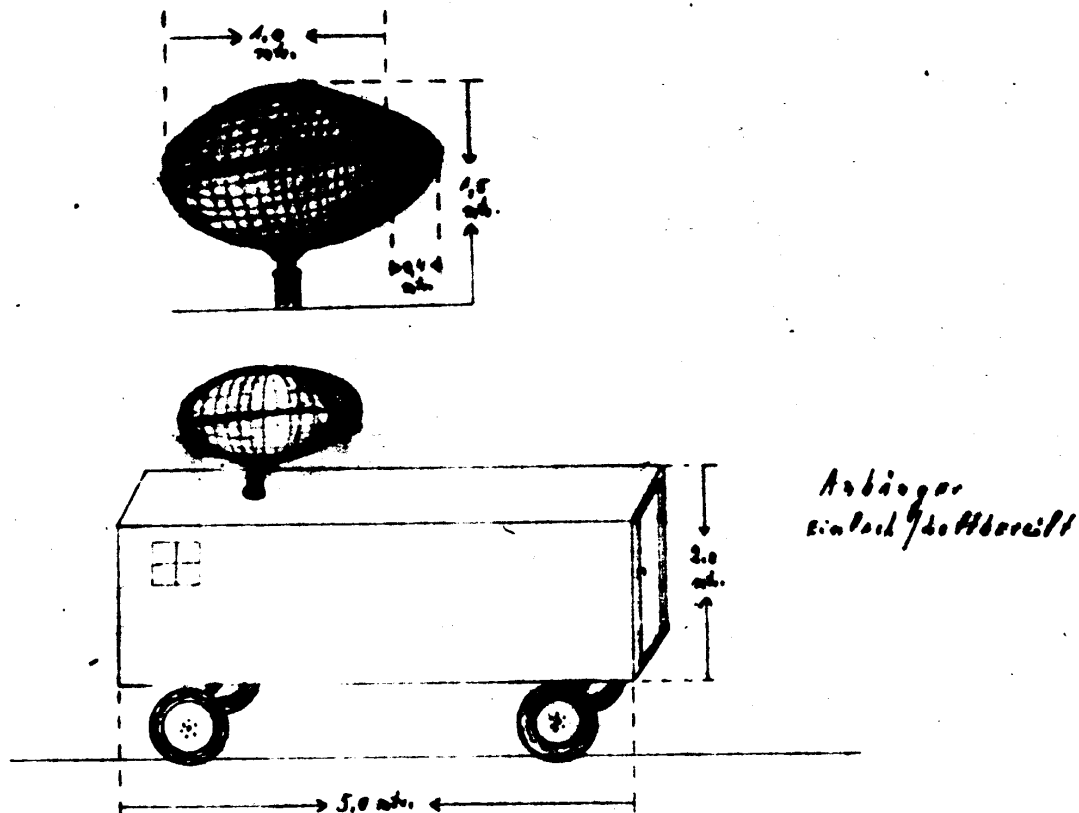
- (vi) The men had been released from duty and were marching to the Hindenburg barracks.
- (vii) There was no shelter hut built at this position
- (viii) Also at this site were three caterpillar tractors.

25X1

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25X1

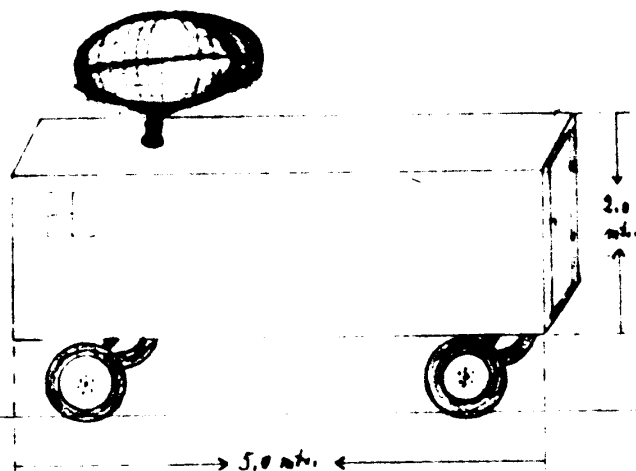
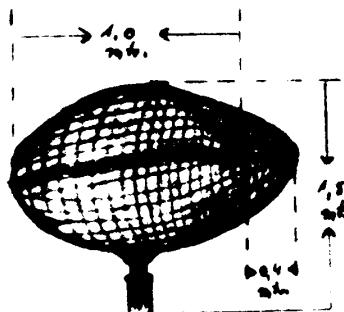
APPENDIX 'A'



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APPENDIX 'A'



Anhängar
Einbaufähig / abbaubar